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SEEDS

for the

NURSERYMAN

AND

FORESTER

FALL - - 1951

F. W. SCHUMACHER

HORTICULTURIST

P. O. BOX 131

JAMAICA PLAIN 30, MASS.

TERMS

Deliveries are subject to yield of crops and safe arrival of consignments.

It is not possible to have all items listed available at all times. A number of perishable seeds cannot be stored successfully and must be ordered in season. All seeds are offered subject to crop failures or short supplies.

Seeds are sold without warranty, expressed or implied as to description and productiveness. *Goods* should be carefully inspected upon arrival and claims for conditions made at once. We cannot consider claims after seeds have been stored or planted.

All shipments travel at buyer's risk and claims for damages in transit must be taken up with carriers.

NOMENCLATURE—The old method is being retained, with moderations, until the trade as a body accepts the new nomenclature as of second edition of "Standardized Plant Names", available at \$10.50 postpaid. It is a noble book and should be owned by every up-to-date gardener.

CAUTION—While it is true that plants grown from seed of horticultural varieties often yield superior plant material in comparison to that grown from nondescript seed, we wish to emphasize that seeds of such varieties or hybrids, with few exceptions, cannot be expected to come true to name. They are offered here for the convenience of competent plantmen, for research and breeding work only.

PRICES—subject to change without notice, are f.o.b. Boston.

PAYMENT—A cash discount of 3% is allowed on all orders amounting to \$5.00 and more. Please include packing and postage charges with your remittance.

ORDERING—We request that written orders be a separate part of any correspondence and clearly show amount and price of each item listed. Quantities smaller than listed cannot be supplied. **For orders amounting to less than \$2.50 please remit \$.50 extra for handling charges.**

ABBREVIATION—N. E. stands for New England seed, a sign of hardiness; d.b. for dried berries; asterisk (*) denotes new or insufficiently known plants of merit.

We cannot encourage the use of our seeds by others but professionals or those who have acquired pertinent knowledge of seed treatment and nursery practices.

WE ARE IN THE MARKET FOR TREE AND SHRUB SEEDS OF ALL KINDS.

F. W. SCHUMACHER

579 CENTRE STREET - - - - - P. O. BOX 131
JAMAICA PLAIN 30, MASS.

	oz.	¼ lb.	lb.
ABIES amabilis.....	.70	2.10	5.75
<i>balsamea</i>.....	.60	1.45	4.25
<i>cephalonica</i>.....	.35	.70	2.00
<i>cilicica</i>.....	.35	.80	2.25
<i>concolor</i> , California, lowiana variety.....	.45	1.25	3.50
<i>firma</i>.....	.40	.80	2.25
<i>grandis</i>.....	.65	1.75	5.00
<i>homolepis</i>.....	.45	1.10	3.00
<i>lasiocarpa</i>.....	.75	2.25	6.00
<i>magnifica shastensis</i>.....	.60	1.65	4.50
<i>mariesi</i>.....	.45	1.25	3.50
<i>nobilis</i> (<i>procera</i>).....	.75	2.25	6.00
<i>nordmanniana</i>.....		.70	2.00
<i>pectinata</i> (<i>alba</i>).....		.45	1.25
<i>pinsapo</i>.....	.35	.70	2.00
<i>pinsapo glauca</i>.....	.45	1.10	3.00
<i>veitchi</i>.....	.45	1.25	3.50
ACACIA armata	1.10	3.00	
<i>baileyana</i>.....	.45	1.20	3.75
<i>cultriformis</i>.....	.55	1.65	4.50
<i>cyanophylla</i>.....	.45	1.20	3.25
<i>cyclops</i>.....	.40	.90	2.50
<i>decurrens</i>.....		.55	1.50
<i>decurrens dealbata</i>.....		.55	1.50
<i>decurrens dealbata</i> , fast growing cultural selection.....	.50	1.25	3.50
<i>decurrens mollis</i> (<i>mollissima</i>).....	.40	1.00	2.75
<i>decurrens normalis</i>.....	.55	1.50	
<i>farnesiana</i>.....	.40	.90	2.50
<i>longifolia</i>.....	.40	.80	2.25
<i>longifolia floribunda</i>.....	.45	1.10	3.00
<i>melanoxylon</i>.....	.40	1.00	2.75
<i>ornithophora</i>	1.00		
<i>pendula</i>	250 seeds 1.25—1,000 seeds, 3.00		
<i>podalyriaefolia</i>.....	.80	2.25	6.25
<i>pycnantha</i>.....	.40	.85	2.50
<i>retinodes floribunda</i>.....	.40	.85	2.50
<i>saligna</i>.....		.45	1.25
<i>verticillata</i>	2.00		
ACER argutum.....	.55	1.40	4.00
<i>campestre</i>.....		.35	.60
<i>cissifolium</i>.....	.55	1.40	4.00
<i>diabolicum</i>.....	.55	1.40	4.00
<i>ginnala</i>.....	.40	1.10	3.00
<i>japonicum</i>.....	.45	1.25	3.50
<i>negundo</i>.....		.30	.85
<i>palmatum</i> , small seeded.....	.45	1.20	3.25
<i>palmatum</i> , from garden specimens.....	.55	1.40	4.00
<i>palmatum atropurpureum</i>.....	.80	2.25	6.00
<i>palmatum atropurpureum dissectum</i>	2.00	5.40	15.00
<i>platanoides</i>.....		.35	.95
<i>rufinerve</i>.....	.55	1.40	4.00
<i>saccharum</i>.....	.40	.70	2.00

	oz.	¼ lb.	lb.
ACER (continued)			
sieboldianum.....	.55	1.40	4.00
spicatum.....	.45	1.20	3.25
tschonoski.....	.55	1.40	4.00
ACTINIDIA arguta.....	.60	1.60	4.50
ADENANTHERA pavonina.....	.70	2.00	
AILANTHUS glandulosa.....		.25	.75
AKEBIA quinata.....	.40	.90	2.50
ALBIZZIA julibrissin.....		.35	1.00
julibrissin rosea, a hardy strain (Zone 5).....	.45	1.15	3.25
lophanta.....	.40	1.00	2.75
ALNUS cordata, clean.....	.40	.90	2.50
glutinosa, clean.....		.45	1.25
incana, clean.....		.65	1.75
japonica.....	.45	1.10	3.00
rugosa, clean, N. E.....	.90	2.50	
viridis, clean.....		.70	2.00
AMELANCHIER canadensis, d.b.....	.65	1.75	5.00
AMORPHA fruticosa.....		.35	1.00
*nana (microphylla).....		.45	1.25
AMPELOPSIS *heterophylla, N. E., d.b.....	.65	1.75	
quinquefolia, clean.....		.50	1.35
tricuspidata, clean.....	.35	.65	1.85
ARALIA papyrifera, see Tetrapanax spinosa, d.b.....	.40	1.10	3.00
ARAUCARIA imbricata (araucana).....	100 seeds	2.50—1,000 seeds	12.00
ARBUTUS unedo, clean.....	.80	2.25	
ARCTOSTAPHYLOS manzanita, d.b.....	.40	.80	2.25
urva ursi, clean.....	.55	1.40	4.00
ARDESIA crenulata.....		1.25	3.50
japonica.....		1.50	4.25
ARISTOLOCHIA tomentosa.....	.45	1.10	3.00
ARONIA arbutifolia, d.b.....	.40	.80	2.25
arbutifolia brilliantissima, d.b.....	.40	1.00	2.75
atropurpurea (prunifolia) d.b.....	.40	.70	2.00
melanocarpa, d.b.....		.65	1.75
ASIMINA triloba.....	.40	.65	1.85
AZALEA alabamensis.....	.50 pkt.		
atlantica.....	.50 pkt.		
austrina.....	.50 pkt.		
calendulacea, N. E.....	.45 1/16 oz., 1.10 1/4 oz.	3.00	
calendulacea x arborescens.....	.75 1/8 oz.		
canescens.....	.75 1/8 oz.		

	oz.	¼ lb.	lb.
AZALEA (continued)			
Exbury Hybrids, choice hybrid race by famous English breeders, the result of intercrossing outstanding hybrids of mollis, pontica (Ghent), occidentalis extraction. See listing of named varieties on page 23.			
Ghent Hybrids.....	1.00 1/16 oz., 3.00 1/4 oz.		
indica (cultural "indica").....	.70 1/4 oz.	2.25	
*japonica (hardy mollis) from eastern garden strain.....	1.00 1/16 oz.		
japonica, imported seed, Japan.....	.55 1/16 oz., 1.50 1/4 oz.		
kaempferi, home grown, N. E.....	1.00 1/16 oz., 3.50 1/4 oz.		
kaempferi, low, spreading type, red flowers.....	.75 1/32 oz.		
kaempferi, imported seed, Japan.....	.45 1/16 oz., 1.00 1/4 oz.	3.00	
kaempferi, Hybrids, N. E.....	1.00 1/32 oz., 3.00 1/8 oz.		
ledifolia.....	.50 pkt.		
mollis, domestic seed, yellow and orange shades.....	.75 1/16 oz., 2.25 1/4 oz.		
mollis, imported.....	.70 1/4 oz.	2.00	
mollis Hybrids, from choice collection of named varieties.....	1.00 1/16 oz., 2.50 1/4 oz.	7.50	
nudiflora.....	.45 1/16 oz., 1.00 1/4 oz.		
oblongifolia.....	.50 pkt.		
obtusa arnoldiana, N. E. from named varieties, beautiful hardy "Kurume" Hybrid.....	.50 pkt., 1.50 1/16 oz.		
obtusa japonica (kiusiana).....	.50 pkt.		
obtusa kurume, from named varieties.....	.50 pkt.		
pontica, from northern gardens.....	.55 1/16 oz., 1.50 1/4 oz.		
pontica, Southern Europe.....	.70 1/4 oz.	2.00	
*poukhanensis, N. E.....	.80 1/16 oz., 2.25 1/8 oz.		
prunifolia.....	.50 pkt.		
quinquefolia alba.....	.55 1/16 oz., 1.50 1/4 oz.		
quinquefolia rosea.....	.45 1/16 oz., 1.35 1/4 oz.		
rosea, N. E.....	.70 1/16 oz., 2.00 1/4 oz.		
schlippenbachii, Korean Strain.....	.45 1/16 oz., 1.25 1/4 oz.	4.50	
vaseyi.....	.45 1/16 oz., 1.00 1/4 oz.		
BERBERIS koreana , clean.....		1.25	
thunbergi, clean.....	.60	1.65	4.50
thunbergi atropurpurea, d.b.....	1.00	2.75	7.50
thunbergi pluriflora, from profusely fruiting selection, d.b.....	1.00		
BETULA alba (odorata or pubescens).....	.40	.70	2.00
alba pendula.....		.45	1.25
alba pendula, clean.....	.45	1.10	3.00
japonica.....	.45	1.10	3.00
lenta.....	.45	1.10	3.00
lutea.....	.45	1.10	3.00
maximowicziana.....	.45	1.25	3.50
papyrifera.....	.45	1.10	3.00
papyrifera, clean.....	.80	2.25	6.00
papyrifera minor.....	.80	2.25	
populifolia.....		1.10	3.00
BIGNONIA capreolata.....	.55	1.40	4.00
BROUSSONETIA papyrifera.....	.65	1.75	5.00

	oz.	¼ lb.	lb.
BUDDLEIA davidi (variabilis) . . . . .	.50	1.35	3.75
davidi, from new garden forms . . . . .	.50 ¼ oz.		
japonica . . . . .	.75 ¼ oz.		
BUXUS sempervirens . . . . .	.40	.80	2.25
CALLUNA vulgaris , clean . . . . .	.40 ¼ oz.	.75	
CALYCANTHUS floridus . . . . .	.40	.70	2.00
occidentalis . . . . .	.45	1.10	3.00
CAMELLIA japonica . . . . .		.65	1.75
japonica, seed from Japan . . . . .	.40	.70	2.00
japonica, from garden specimens . . . . .	.40	.90	2.50
sasanqua . . . . .	.40	.70	2.00
sasanqua, from garden specimens . . . . .	.40	.90	2.50
CAMPSIS (Bignonia) grandiflora . . . . .	.45	1.20	3.25
radicans . . . . .	.45	1.10	3.00
CAPPARIS inermis		1.00	2.75
spinosa		1.00	2.75
CARAGANA arborescens . . . . .	.45	.90	2.60
CARPENTERIA californica . . . . .	.70 ⅙ oz., 2.00 ¼ oz.		
CARPINUS betulus , clean . . . . .		.40	1.00
caroliniana, clean . . . . .	.45	1.10	3.00
CASSIA artemisioides	1.00	3.75	
tomentosa . . . . .	.60		
CASUARINA cunninghamiana , domestic seed	1.00	2.75	7.50
equisetifolia, domestic seed . . . . .	.55	1.65	4.50
CATALPA bignonioides . . . . .		.40	1.00
ovata . . . . .		.55	1.50
speciosa . . . . .		.90	2.50
CEANOTHUS americanus . . . . .	.80	2.25	6.00
arboreus . . . . .	.55 ¼ oz.	1.50	
arboreus hybrids . . . . .	.55 ¼ oz.	1.50	
cyaneus . . . . .	.60 ¼ oz.	1.65	
delilianus (arnouldi) americanus x coerulea hybrid, with pale blue flowers, N. E. . . . .	.50 ⅙ oz.		
megacarpus . . . . .	.55 ¼ oz.	1.50	
spinosus . . . . .	.55 ¼ oz.	1.50	
thyrsiflorus	1.00	2.90	
verrucosus . . . . .	.55 ¼ oz.	1.50	
CEDRUS atlantica . . . . .		.90	2.50
atlantica argentea		1.10	2.85
atlantica glauca		1.20	3.25
deodara . . . . .		.65	1.85
libani		1.00	2.75
CELASTRUS orbiculatus , clean . . . . .	.40	1.00	2.75
scandens, clean . . . . .	.65	1.85	5.25
scandens, d.b. . . . .		.90	2.50

	oz.	¼ lb.	lb.
CELTIS mississippiensis (laevigata) . . . . .	.55		1.50
occidentalis , clean . . . . .	.45		1.25
CEPHALANTHUS occidentalis . . . . .	.45		1.25
CEPHALOTAXUS drupacea . . . . .	.45		1.25
fortunei . . . . .	.55		1.50
pedunculata . . . . .	.80		2.25
CERATONIA siliqua . . . . .	.45		1.25
CERCIDIPHYLLUM *japonicum . . . . .	.65	1.75	5.00
CERCIS canadensis . . . . .	.40	.90	2.50
chinensis . . . . .	.55	1.55	4.50
occidentalis . . . . .	.40	.90	2.50
siliquastrum . . . . .	.35		1.00
siliquastrum alba . . . . .	.45		1.25
CHAMAECYPARIS lawsoniana . . . . .	.55		1.50
lawsoniana , from garden forms . . . . .	.40	.80	2.25
lawsoniana allumi , blue, columnar shaped form . . . . .	.45	1.10	3.00
lawsoniana argentea . . . . .	.40	.90	2.50
lawsoniana aurea . . . . .	.40	.90	2.50
lawsoniana pendula glauca . . . . .	.40	1.00	2.75
lawsoniana pyramidalis . . . . .	.40	.90	2.50
lawsoniana Triumph de Boskoop , choice blue form . . . . .	.40	1.10	3.00
*nootkatensis . . . . .	.65	1.75	5.00
obtusa . . . . .	.40	1.00	2.75
obtusa , from named garden forms . . . . .	.55	1.40	4.00
obtusa aurea . . . . .	.45	1.30	3.75
pisifera . . . . .	.45	1.25	3.50
pisifera filifera . . . . .	.45	1.35	3.75
pisifera plumosa . . . . .	.55	1.40	4.00
pisifera plumosa squarrosa . . . . .	.70	2.00	5.50
CHAMAEROPS humilis . . . . .	.30		.85
CHILOPSIS linearis . . . . .	.55	1.50	4.25
CHIONANTHUS virginicus , clean . . . . .	.40	1.00	2.75
CINNAMOMUM camphora . . . . .	.45		1.25
CITRUS trifoliata . . . . .	.40		1.00
CLADRASTIS lutea . . . . .	.45	1.30	3.75
CLEMATIS alpina . . . . .	.75 ¼ oz.	2.00	
florida . . . . .	.65	1.75	
paniculata , imported . . . . .	.50	1.35	3.25
patens . . . . .	.65	1.75	
viticella . . . . .	.55	1.50	
CLERODENDRON trichotomum	1.25		3.50
CLETHRA acuminata	1.00		
alnifolia , N. E. . . . .	.45	1.10	3.00
fargesii . . . . .	.50 pkt.		
tomentosa	1.00		

	oz.	¼ lb.	lb.
COCCULUS carolinus.....		.55	1.50
COCOS australis , clean.....		.90	2.50
campestris , clean.....		.90	2.50
plumosa	250 seeds	1.50, 1,000 seeds	5.00
COLUTEA arborescens.....		.45	1.25
CORDYLINE (Dracaena) indivisa.....	.50	1.35	3.75
CORNUS alba.....	.45	1.25	3.50
alternifolia , N. E. d.b.....	.40	1.00	2.75
amomum , d.b.....	.40	.95	2.50
canadensis , N.E.....	.45	1.25	3.25
capitata.....	.70	2.00	
florida , clean.....	.70	2.00	
florida , d.b., New England, Zone 4.....	.80	2.25	
kousa , clean.....	.40	1.00	2.85
mas , clean.....	.45	1.35	
muttali , d.b.....	.45	1.20	3.50
rugosa , d.b.....	.40	1.00	2.75
paniculata , clean.....	.40	1.00	2.75
paniculata , d.b.....	.45	1.25	
sanguinea , clean.....	.30	.90	
stolonifera , d.b.....	.45	1.25	
CORONILLA emerus.....	.55	1.50	
CORYLOPSIS sinensis.....	.45 ¼ oz.	1.25	
CORYLUS americana.....	.45	1.20	
avellana.....	.40	.90	
COTONEASTER acuminata , clean.....	.65	1.75	5.00
acutifolia , clean.....	.85	2.75	6.50
adpressa praecox , d.b.....	.55 ¼ oz.	1.50	
bullata , clean.....	.55	1.40	4.00
bullata floribunda , d.b. ....	.70	2.00	
buxifolia , clean.....	.55	1.40	4.00
* dielsiana major , d.b.....	.70	2.00	
divaricata , clean.....	.80	2.25	6.00
foveolata , clean.....	.65	1.90	5.50
francheti , clean.....	.55	1.50	4.25
francheti cinerascens , d.b.....	.75		
gracilis , d.b., N. E.....	.45 ¼ oz.	1.25	
horizontalis , clean.....	.55	1.50	4.25
horizontalis perpusilla , d.b.....	.45 ¼ oz.	1.25	
lactea , N. E., d.b.....	.70	2.00	
lucida , clean.....	.80	2.25	6.00
microphylla , clean.....	.50	1.35	3.75
* multiflora , clean.....	1.00	2.80	8.00
* multiflora calocarpa , d.b.....	.70	2.00	
nitens , d.b.....	.70	2.00	
pannosa , clean.....	.50	1.35	3.75
rosea , clean.....	.50 ¼ oz.	1.50	
rotundifolia lanata , clean.....	.65	1.75	

	oz.	¼ lb.	lb.
COTONEASTER (continued)			
salicifolia, clean.....	.55	1.40	4.00
simonsi, clean.....	.55	1.50	4.25
thymifolia, d.b.....	.45 ¼ oz.	1.25	
CRATAEGUS coccinea, clean.....			
cordata (phaenopyrum), clean.....	.40	.85	2.25
crus-galli, clean.....	.55	1.40	4.00
mollis, clean.....	.40	.80	2.25
nitida, clean.....	.40	.90	2.50
oxyacantha, clean.....		1.65	4.50
oxyacantha monogyna, clean.....	.45	.45	1.25
pinnatifida, clean.....	.35	.95	
prunifolia, clean.....	.45	1.25	3.50
prunifolia, clean.....	.55	1.40	4.00
punctata, clean.....	.45	1.20	3.25
tomentosa, clean.....		1.40	4.00
CRYPTOMERIA japonica, European seed.....			
japonica, Oriental seed.....	.80	2.00	
japonica araucarioides.....	.40	.85	2.25
japonica araucarioides.....	.45	1.35	3.75
japonica elegans.....	.40	1.00	2.75
CUNNINGHAMIA lanceolata.....			
	.65	1.75	5.00
CUPRESSUS arizonica (glabra or bonita) domestic seed from specimen trees..			
arizonica, imported seed.....	.65	1.75	5.00
arizonica, imported seed.....	.45	1.10	3.00
*forbesi.....	1.25	3.50	
funnebris.....	.40	.90	2.50
goeniana.....	.35	.80	2.25
lusitanica glauca.....	.40	.70	2.00
lusitanica benthami.....	.40	1.00	2.75
macnabiana.....	.65	1.75	5.00
macrocarpa.....	.40	1.00	2.75
macrocarpa, golden forms.....	.45	1.25	3.50
macrocarpa, from garden specimens.....	.45	1.25	3.50
sempervirens horizontalis.....		.35	.85
sempervirens stricta.....		.40	1.00
torulosa.....	.40	.80	2.25
torulosa majestica.....	.40	.90	2.50
CYDONIA japonica.....			
japonica pygmaea.....	.50	1.35	3.25
japonica pygmaea.....	.40	1.00	2.75
CYTISUS *austriacus.....			
hirsutus.....	.55 ¼ oz.	1.50	
hirsutus.....	.70	2.00	
multiflorus.....	.45 ¼ oz.	1.00	
multiflorus praecox (praecox alba).....	.50 ¼ oz.	2.50	
*multiflorus, White Gem.....	.55 ¼ oz.	1.50	
nigricans.....	.60	1.65	4.50
purpureus.....	.45 ¼ oz.	1.25	
ratisbonensis, N. E.....	.45 ⅛ oz.		
scoparius.....	.35	.55	1.50
scoparius, New England seed.....	.75		
scoparius andreaus, yellow with crimson wings.....	.45 ¼ oz.	1.25	3.75

	oz.	¼ lb.	lb.
CYTISUS (continued)			
<i>scoparius andreanus</i> hybrids (<i>dallimorei</i>), vari-colored flowers in pastel shades of yellow, rose and white.....	.70 ¼ oz.	2.00	5.50
<i>scoparius</i> Moonlight Hybrids, dwarf race.....	.40 pkt.		
* <i>supinus</i> , N. E.....	.45 ¼ oz.	1.00	3.00
DAPHNE <i>laureola</i>.....	.60	1.65	4.50
<i>mezereum</i> , d.b.....	.45	1.20	3.25
<i>mezereum</i> , clean.....	.55	1.50	4.25
<i>mezereum rubrum</i>.....	.75	2.15	6.00
DEUTZIA <i>scabra</i> (<i>crenata</i>).....	.40	1.00	
DIOSPYROS <i>kaki</i>.....	.50	1.35	
<i>lotus</i>.....	.45	1.25	
<i>virginiana</i>.....	.40	1.00	
<i>virginiana</i> , northern.....	.45	1.25	
<i>virginiana</i> , from trees in cultivation.....	.60	1.60	
DISANTHUS <i>cercidifolius</i>.....	.60	1.65	4.50
DRACAENA <i>draco</i> , clean.....	.45	1.20	3.25
ELEAGNUS <i>angustifolia</i> , clean.....		.45	1.25
<i>argentea</i>.....		.70	2.00
* <i>longipes</i> (<i>multiflora</i>).....	.50	1.25	3.50
* <i>umbellata</i>.....	.50	1.25	3.50
ELSHOLTZIA <i>stauntoni</i>.....	.75 ⅛ oz.		
ENKIANTHUS <i>campanulatus</i> , N. E.....	.45 ⅙ oz., .90 ¼ oz.	2.50	
<i>campanulatus</i> , imported.....		1.10	3.00
<i>perulatus</i> (<i>japonicus</i>).....		1.10	3.00
ERICA <i>arborea</i> , clean.....	.45 ¼ oz.	1.00	
<i>carnea</i> , clean.....	.95 ¼ oz.	2.50	
ERIOBOTRYA <i>japonica</i> , please order in spring for summer delivery.....			2.50
ERYTHEA (<i>Brahea</i>) <i>armata</i> , clean.....		1.20	3.25
<i>edulis</i> , clean.....		1.00	2.70
ERYTHRINA <i>crista-galli</i>.....	.55	1.40	4.00
EUCALYPTUS <i>botryoides</i>.....	.85	2.50	7.00
<i>globulus</i> , clean.....	.60	1.65	4.50
<i>gunni</i>.....	.70	2.20	
<i>hybrid rostrata</i> x <i>botryoides</i>.....	.70	2.25	
<i>robusta</i> (<i>multiflora</i>).....	.45 ¼ oz.	1.25	
<i>rostrata</i> (<i>camaldulensis</i>).....	.60	1.65	4.50
<i>rudis</i>.....	.90	2.75	7.50
<i>viminalis</i>.....	.70	2.00	5.50
EUONYMUS <i>alatus</i> , clean.....		1.00	2.75
<i>atropurpureus</i> , d.b.....		.75	2.10
<i>europaeus</i>.....		.45	1.25
<i>europaeus intermedia</i> (<i>fructu coccineo</i>) with bright red fruit).....	.40	1.00	3.00
<i>japonicus</i> , clean.....		.55	1.50
<i>oxyphyllus</i> , clean.....	.40	1.00	3.00
<i>planipes</i> (<i>sachalinensis</i>), d.b.....	.80	2.35	
<i>radicans</i> (<i>fortunei</i>), clean.....	.40	1.00	3.00
<i>yedoensis</i> , d.b.....		.90	2.50

	oz.	¼ lb.	lb.
EXOCHORDA grandiflora .....	.40	1.10	3.00
FAGUS grandifolia (fall only)			2.00
<i>sylvatica</i> .....		.35	1.00
FATSIA japonica (<i>Aralia sieboldi</i>)	1,000 seeds	2.50	
FEIJOA sellowiana	1,000 seeds	2.25	
FRANKLINIA alatomaha	100 seeds	1.75, 1,000 seeds	11.00
FRAXINUS americana .....		.35	1.00
<i>excelsior</i> .....		.25	.70
<i>lanceolata</i> .....		.35	1.10
<i>ornus</i> .....		.35	.75
FREMONTIA mexicana .....	.70 ¼ oz.	2.00	
GARDENIA florida (<i>jasminoides</i>) .....	.55	1.50	4.25
GENISTA aetnensis .....	.60		
<i>canariensis</i> .....	.85	2.50	
<i>fragrans</i>	1.00	3.00	
<i>germanica</i> .....	.75		
<i>monosperma</i> .....	.55	1.55	
<i>pilosa</i> .....	.75		
<i>radiata</i> .....	.75		
<i>tinctoria</i> .....	.60		
GINKGO biloba .....		.30	.80
<i>biloba</i> , New England seed .....		.65	1.75
GLEDITSIA japonica .....	.40	.90	2.50
<i>sinensis</i> .....	.40	1.00	2.75
<i>triacanthos</i> .....		.40	.90
<i>triacanthos inermis</i> .....		.40	1.00
GREVILLEA robusta , domestic seed	1.20	3.60	10.00
GYMNOCLADUS dioicus .....		.25	.60
HALESIA monticola .....		.90	2.50
<i>tetraptera</i> .....		.70	2.00
HAMAMELIS japonica .....	.60	1.65	4.50
<i>vernalis</i> , tall growing form .....	.55 ¼ oz.	1.50	4.25
<i>vernalis tomentella</i> , bush type .....	.55 ¼ oz.	1.50	
HIBISCUS mutabilis .....	.45	1.25	3.75
<i>paramutabilis</i> .....	.50 ¼ oz.		
<i>syriacus</i> .....		.45	1.20
<i>syriacus</i> , white flowered .....		.55	1.50
HICORIA cordiformis .....			.35
<i>glabra</i> .....			.35
<i>laciniosa</i> .....			.35
<i>ovata</i> .....			.35
<i>pecan</i> , Northern Naturals .....			.60
<i>pecan</i> , large fruited Papershells .....			.95
HIPPOPHAE rhamnoides .....		.55	1.50

	oz.	¼ lb.	lb.
HOVENIA dulcis .....	.45	1.00	2.75
HYDRANGEA petiolaris .....	.85	2.55	
IDESIA polycarpa .....	.45	1.25	3.50
ILEX aquifolium , clean .....		.55	1.50
aquifolium , from garden varieties .....		.90	2.50
crenata , clean .....		.90	2.50
glabra , d.b. ....		.55	1.50
opaca , clean .....	.55	1.50	4.25
opaca , from its northern range, clean .....	.65	1.75	5.00
opaca , d.b. seed from plants of southern strains pollinated by Cape Cod, Mass., wild plants .....	.65		
pedunculosa , clean .....	.45	1.25	3.75
serrata (sieboldi), clean .....	.45	1.25	3.75
verticillata , clean .....	.60	1.65	4.50
INDIGOFERA dosua .....	.40 ¼ oz.	1.25	
JUBAEA spectabilis	100 seeds .75,	500 seeds 3.00	
JUGLANS californica .....			.50
californica hindsii .....			.60
cinerea , N. E. ....			.30
nigra , from named orchard varieties; choice of Ohio-Stabler-Ten Eyck-Thomas or mixed .....			.50
sieboldiana .....		.35	.90
sieboldiana cordiformis .....		.35	1.00
JUNIPERUS californica , d.b. ....	.40	.80	2.25
chinensis , clean .....	.45	1.25	3.75
communis depressa , N. E., d.b. ....		.80	2.25
communis depressa , clean .....	.60	1.65	4.50
communis , upright columnar type, clean .....	.40	.70	2.00
communis montana (siberica), clean .....	.65	1.75	5.00
japonica , clean .....	.60	1.65	4.50
monosperma , d.b. ....		.80	2.25
*pachyphloea , clean .....	.85	2.40	6.50
rigida , clean .....	.55	1.50	4.25
scopulorum , clean .....	.60	1.65	4.50
scopulorum , dainty leaved Southern form, cleaned and floated .....	.75	2.15	6.00
virginiana , Southern, clean .....	.45	1.20	3.25
virginiana , Platte River, d.b. ....		.80	2.25
virginiana , Platte River, cleaned and floated, 90% sound seed .....	.70	2.00	5.50
virginiana , Wisconsin, cleaned and floated .....	.60	1.70	4.75
virginiana glauca , clean .....	.70	2.25	6.00
KADSURA japonica .....	.60	1.65	4.50
KALMIA latifolia .....	.55 ¼ oz.	1.50	
latifolia , New England	1.00 ¼ oz.	2.50	
KERRIA japonica .....	.55	1.40	4.00
KOELREUTERIA paniculata .....		.45	1.35
KOLKWITZIA amabilis , clean, N. E.	1.70	4.75	

	oz.	¼ lb.	lb.
LABURNUM alpinum.....	.55	1.55	
vulgare.....	.45	1.35	
Watereri (alpinum x vulgare).....	.55 ¼ oz.		
LAGERSTROEMIA indica, pink.....	.55	1.75	5.00
indica, white.....	.70	2.00	5.50
indica, seed from frost hardy plants.....	1.00	3.25	
LARIX europaea, Central Alps, elev. 2,400-3,000 ft.....	.60	1.65	4.50
europaea, Southern Alps, elev. 900-1,200 ft.....	.45	1.25	3.75
leptolepis.....	.65	1.70	4.75
LAUROCERASUS (Prunus) caroliniana.....	.55	1.50	
lusitanica, clean.....	.90	2.50	
officinalis.....	.45	1.25	
LAURUS nobilis, d.b.....	.35	.75	
LESPEDEZA bicolor, clean.....	.45	1.25	3.50
formosa.....	.40	.80	2.25
LEUCOTHOE catesbaei.....	.45 ¼ oz.	1.00	
LEYCESTERIA formosa, clean.....	.50		
LIBOCEDRUS decurrens.....	.60	1.60	
LIGUSTRUM amurense, d.b.....	.65	1.75	
ibota, d.b.....	.45	1.25	
japonicum, clean.....	.40	.70	2.00
lucidum, d.b.....	.65	1.75	
sinense ("South" Privet), clean.....	.55	1.50	
vulgare, clean.....	.55	1.50	
LIQUIDAMBAR styraciflua.....	.60	1.65	4.50
LIRIODENDRON tulipifera.....	.40	1.00	
LONICERA alpigena, d.b.....	.40	.90	2.50
caprifolium, d.b.....	.40	.90	2.50
chrysantha, d.b.....	.50 ¼ oz.		
japonica, clean.....	.60	1.65	4.50
korolkowi zabeli, d.b.....	.75		
morrowi, clean.....	1.00		
morrowi, yellow fruited, clean.....	1.10	3.00	
ruprechtiana, clean.....	1.10	3.00	
tatarica, clean.....	.60	1.55	4.25
tatarica alba, d.b.....	.75	2.25	
tatarica wheeleri (red), d.b.....	1.00		
xylosteum, clean.....	.45	1.10	3.00
LYCIUM horridum.....	.50 ¼ oz.	1.50	
MACADAMIA ternifolia.....	1.25	3.50	
MACLURA pomifera.....	.70	2.00	
MAGNOLIA acuminata, clean.....	.45	1.25	3.50
conspicua (Yulan), d.b.....	1.00	2.75	
glauc (virginiana), clean.....	1.25	3.50	
grandiflora, clean.....	1.00	2.75	

	oz.	¼ lb.	lb.
MAGNOLIA (continued)			
grandiflora , a northern strain, zone 6 100 seeds 1.00, 1,000 seeds 8.00			
kobus , clean . . . . .	.45	1.20	3.25
liliflora , d.b.		1.25	3.50
obovata (hypoleuca), clean		1.10	3.00
soulangeana , d.b.		1.10	3.00
soulangeana lennei , d.b.		1.20	3.25
tripetala . . . . .	.45	1.25	3.50
MAHONIA aquifolia , clean . . . . .	.75	2.20	6.00
nervosa , d.b. . . . .	.65	1.75	5.00
MALUS baccata , clean seed	1.50	4.35	12.00
baccata , dried pomes . . . . .		.70	2.00
baccata mandshurica , dried pomes . . . . .		.70	2.00
coronaria , clean	1.20	3.50	10.00
common , Apple for stock—French Cider Crab . . . . .		.50	1.30
common , Apple for stock—domestic seed . . . . .		.50	1.35
floribunda , clean . . . . .	.80	2.25	6.00
ioensis , clean	1.10	3.30	9.00
*sargentii , dried pomes, N. E., Free blooming, dwarf ornamental Crab, true from seed . . . . .	.40	.90	2.50
sieboldi , clean . . . . .	.90	2.50	
theifera (hupehensis), dried pomes, handsome small tree, very free blooming, true from seed . . . . .	.40	.90	2.50
zumi . . . . .	.90	2.50	
zumi calocarpa , dried pomes . . . . .	.40	.90	2.50
MELALEUCA leucadendron . . . . .	.85		
MELIA azedarach . . . . .		.70	2.00
MENISPERMUM canadense . . . . .		.70	2.00
MERATIA (Calycanthus) praecox . . . . .		.70	2.10
MESPILUS germanica , clean . . . . .		.55	1.50
MIMOSA pudica65 ¼ oz.	2.00		
MORUS alba , clean . . . . .	.40	.90	2.50
alba tatarica , clean . . . . .	.50	1.40	4.00
nigra , clean . . . . .	.45	1.10	3.00
MYRICA caroliniensis (pennsylvanica) N. E. . . . .	.40	.90	2.50
MYRTUS communis , clean . . . . .	.45	1.25	
communis compacta60 ¼ oz.	1.50		
NANDINA domestica , home grown, berries . . . . .		.80	2.25
domestica , imported, clean . . . . .	.40	1.10	3.00
domestica , white berried, imported, clean . . . . .	.50	1.40	4.00
NEMOPANTHUS mucronatus , d.b. . . . .	.40	.90	2.50
NERIUM oleander . . . . .	.40	.80	2.25
NYSSA sylvatica , clean . . . . .	.40	.90	2.50
OLEA europaea , from wild plants . . . . .		.70	2.00
europaea , cultivated varieties . . . . .		.35	1.00

	oz.	¼ lb.	lb.
OXYDENDRON arboreum , clean.....	.45 ¼ oz.	1.25	
PAEONIA suffruticosa (arborea or moutan).....	1.75	4.50	12.00
PALIURUS aculeatus (spina-christi), clean.....		.45	1.35
PARKINSONIA aculeata.....	.45	1.15	3.25
PASSIFLORA coerulea.....	.90 ¼ oz.	2.50	
edulis.....	.45 ¼ oz.	1.35	
PAULOWNIA tomentosa.....	.35	.55	1.50
PHASEOLUS caracalla	100 seeds 1.00, 1,000 seeds 6.00		
PHELLODENDRON amurense.....	.45	1.25	3.25
PHILADELPHUS coronarius , clean.....	.45	1.25	3.50
grandiflorus.....	.50	1.40	4.00
pubescens , vigorous native species.....	.45 ¼ oz.	1.25	
PHOENIX canariensis.....		.35	.75
dactylifera.....		.70	2.00
roebeleni	250 seeds 1.75, 1,000 seeds 5.50		
PHOTINIA glabra		1.10	3.00
villosa , clean.....	.45	1.25	3.50
PICEA canadensis , Lake States or New England.....	1.65	4.50	12.00
canadensis , from planted stands near sea-level, Northern Europe.....		1.40	4.00
engelmanni.....	.90	2.65	7.50
excelsa (abies), Western Europe, Central Mountains of France (2,700 ft.)....	.45	1.25	3.50
excelsa (abies), Northern Europe, the vigorous Lowland Strain.....	.55	1.50	4.25
excelsa (abies), from lime stone formations in Austria (2,400 ft.).....	.50	1.40	4.00
excelsa , from hill origins (1,500-2,400 ft.), in South Germany and Lower Austria.....	.45	1.10	3.00
jezoensis hondoensis.....	.75	2.25	6.00
mariana	2.00	5.50	15.00
* omorika	1.00 ¼ oz.	3.30	10.00
polita.....	.75	2.25	6.00
pungens glauca	1.65	4.50	12.00
sitchensis.....	.90	2.65	7.50
PIERIS floribunda.....	.50 ¼ oz.	1.50	
floribunda , N. E.....	.70 ¼ oz.	2.00	
japonica.....	.65 ¼ oz.	1.75	
PINUS banksiana.....	.55	1.40	4.00
caribaea.....	.60	1.60	4.50
cembra.....		.50	1.35
contorta.....	.95	2.90	8.00
contorta latifolia (murrayana).....	1.15	3.10	8.50
coulteri.....	.65	1.75	5.00
densiflora.....	.40	.80	2.35
echinata	1.30	3.60	10.00
edulis (cembroides edulis).....	.40	1.00	2.75
excelsa (griffithi).....		.55	1.50
flexilis.....	.60	1.60	4.50

	oz.	¼ lb.	lb.
PINUS (continued)			
halepensis.....		.55	1.50
jeffreyi.....	.50	1.35	3.75
koraiensis.....	.40	.75	2.10
lambertiana.....	.40	1.20	3.25
maritima (pinaster).....		.35	1.00
massoniana.....	.70	2.00	
monophylla (cembroides monophylla).....	.40	.85	2.25
montana (mugo), Lowland seed.....	.40	1.10	3.00
montana gallica.....	.80	2.35	6.50
montana mughus , European Alps, dwarf type.....	.55	1.40	4.00
montana uncinata rostrata), European Alps.....	.55	1.40	4.00
montana uncinata , Lowland seed.....	.40	1.10	3.00
montezumae.....	.75	2.25	6.00
monticola.....	.80	2.35	6.50
muricata.....	.65	1.75	5.00
nigra , Hill strain, elev. 900–2,100 ft. from the heart of the Austrian Pine country in Austria.....	.40	1.00	2.75
nigra , Northern Europe, from planted stands near sea level.....	.45	1.10	3.00
nigra , South Central Europe, Apennines Mountains, elev. 2,100–2,700 ft....	.40	.70	2.00
nigra poiretiana , Mainland form from Calabria.....	.35	1.10	3.00
palustris.....	.40	1.10	3.00
parviflora (pentaphylla).....	.45	1.15	3.25
pinea.....		.40	.80
ponderosa , Colorado.....	.55	1.40	4.00
ponderosa , Eastern Oregon.....	.55	1.40	4.00
ponderosa , Giant Pacific Coast Race—Timber strain.....	.45	1.20	3.50
pumila.....	.60	1.60	4.50
radiata (insignis).....	.40	.70	2.50
resinosa , Lake States.....	2.10	5.85	16.00
resinosa , New England.....	2.50	7.00	20.00
rigida , N. E.....	.40	.70	2.00
sabiniana.....	.40	.60	1.75
strobis , Lake States Race.....	.45	1.25	3.35
strobis , New England or New York.....	.55	1.40	4.00
strobis , from planted stands in Europe.....	.35	.90	2.50
sylvestris , for diversity of requirements a choice of strains is offered:			
Straight timber strain, fast growing, long-needed type from the sandy plains of northern Europe, 50,000 seeds per pound.....	.70	2.00	5.50
Seed from selected forests, watershed of Baltic Sea, Southern Scandinavia, a timber strain, 72,000 seeds per pound.....	.80	2.35	6.50
Seed from Western Europe, green strain for ornamental use and Christmas trees, 42,500 seeds per pound.....	.55	1.50	4.25
Seed from Central Alps 2,400–3,000 feet)—Swiss Scotch Pine—moderately fast growing, pyramidal habit, low branched, short needled, gray-green color, for ornamental use and Christmas trees.....	.70	2.00	5.50
Seed from Austrian Forests, hill strain, 1,400 ft., for ornamental and forestry use, green needles, straight stems, small crowns.....	.65	1.75	5.00
Seed of East Baltic strain, Riga Pine (rigensis) from its native habitat, the belt of Pine forests around the eastern extension of the Baltic sea, tall growing, excellent timber strain. 83,000 seeds per pound.....	1.30	3.60	10.00

	oz.	¼ lb.	lb.
PINUS (continued)			
Seed from native Scotch Highland stands, Scotland, short-needed, straight stemmed, close to rigensis variety, 55,000 seeds per pound	1.65	4.50	12.00
Domestic origins:			
Seed from Rigensis type trees, New York State	1.65	4.50	12.00
Seed of any of the sources indicated will be certified as to origin upon request			
taeda . . . . .	.85	2.50	7.00
thunbergi . . . . .	.45	1.00	2.75
torreyana . . . . .	.95	2.90	8.00
PITTOSPORUM tobira , clean . . . . .		.70	2.50
PLATANUS occidentalis . . . . .			.85
occidentalis , clean . . . . .		.45	1.35
orientalis , clean . . . . .		.35	1.00
PLUMBAGO capensis 1,000 seeds	3.50		
PODOCARPUS nagi . . . . .	.45	1.10	3.00
POINCIANA gilliesi . . . . .	.50	1.25	3.50
(<i>Delonix</i>) regia . . . . .	.75		
PRUNUS americana , clean . . . . .		.65	1.75
amygdalus (<i>communis</i>), Sweet Almond . . . . .		.35	.75
amygdalus (<i>communis</i>), Bitter Almond . . . . .		.35	.80
armeniaca , clean (Apricot) . . . . .			.40
armeniaca ansu , clean, hardy Japanese Apricot, close to <i>mandshurica</i> with better fruit . . . . .		.45	1.25
avium , Mazzard, clean . . . . .		.40	.95
besseyi . . . . .	.45	1.25	3.50
cerasifera (<i>Myrobolan</i>), clean . . . . .		.40	.85
demissa melanocarpa , clean . . . . .		.70	2.00
glandulosa , d.b.40 ¼ oz.	1.00		
ilicifolia , clean . . . . .		.90	2.50
incisa , d.b., domestic (N. E.) seed40 ¼ oz.	1.00		
incisa , clean, imported . . . . .	.80	2.25	6.00
japonica . . . . .	.45	1.10	3.00
lannesiana , clean . . . . .	.45	1.10	3.00
lyoni (<i>integrifolia</i>), clean . . . . .	.45	.80	2.25
maacki . . . . .	.45	1.25	
mahaleb , clean . . . . .		.40	1.00
maritima , N. E., d.b. . . . .	.45	.90	2.50
mume , clean . . . . .		.55	1.50
padus , clean, imported . . . . .	.45	1.10	3.00
pennsylvanica		1.00	2.75
persica (Peach), Lovell variety . . . . .			.45
salicina . . . . .		.40	1.25
* sargenti (<i>serrulata sachalinensis</i>), clean . . . . .	.45	1.20	3.50
serotina , clean, Central States . . . . .		.55	1.50
serotina , clean, N. E. . . . .		.65	1.75
serotina , d.b., N. E. . . . .		.40	.85
serrulata , clean		1.00	2.75
spinosa , clean . . . . .		.35	1.00

	oz.	¼ lb.	lb.
PRUNUS (continued)			
*subhirtella, clean	.40	.80	2.25
subhirtella pendula, clean	.45	1.10	3.00
tomentosa, domestic, N. E.	.45	1.25	3.50
tomentosa, clean, imported	.45	1.00	2.75
triloba	.45	1.10	3.00
virginiana, d.b.		.45	1.25
*yedoensis	.40	.70	2.00
PSEUDOLARIX kaempferi (amabilis)	.45	1.00	2.75
PSEUDOTSUGA douglasi , Fraser River type (caesia)	.85	2.40	7.00
douglasi glauca, Colorado strain	1.25	3.50	10.00
douglasi viridis, Coast form, Oregon	1.20	3.30	9.25
PTELEA trifoliata		.40	1.25
PUERARIA thunbergiana	.40	.70	2.00
PYRACANTHA coccinea , clean	.40	.70	2.00
coccinea lalandi, clean	.40	.90	2.50
PYRUS common pear , domestic seed	.45	1.10	3.00
common pear, imported seed	.45	1.20	3.50
serotina	.65	1.85	5.25
QUERCUS palustris			.50
rubra (borealis)			.25
Quercus items for fall delivery only, special prices for large requirements.			
RAPHIOLEPIS indica		1.40	4.00
ovata (japonica)		1.25	3.50
RHAMNUS cathartica , clean	.40	.90	2.25
crenata, N. E., less known than frangula but more meritorious	.70	2.00	
davurica, N. E., d.b.	.45	1.10	3.00
frangula, clean	.45	1.00	2.75
purshiana, clean	.45	1.25	3.50
RHODODENDRON arboreum	.45 ¼ oz.	1.00	
auriculatum	1.00 ⅙ oz., 3.00 ¼ oz.		
cantabile	.85 ⅜ oz.		
carolinianum, N. E.	.60 ⅙ oz., 1.50 ¼ oz.	4.50	
carolinianum, blush	.50 pkt.		
carolinianum, white	.50 pkt.		
catawbiense	.95 ¼ oz.	2.85	
catawbiense compactum, N. E.	1.25 ⅙ oz.		
catawbiense hybrids, N. E.	.90 ⅙ oz., 2.50 ¼ oz.	7.50	
catawbiense hybrids, seed from red flowered plants	1.00 ⅙ oz.		
catawbiense x maximum (wellesleyanum)	.55 ⅙ oz., 1.50 ¼ oz.		
discolor	1.10 ⅙ oz., 3.00 ¼ oz.		
fortunei, a hardy strain, N. E.	.75 ⅜ oz.		
fortunei x hardy Hybrids, from choice specimens	1.00 ⅙ oz.		
grande	.50 ¼ oz.		
griffithianum var. aucklandi	.50 ¼ oz.		
hippophaeoides	.50 pkt.		
maximum, N. E.	.65 ¼ oz.	1.75	

	oz.	¼ lb.	lb.
RHODODENDRON (continued)			
<i>ponticum</i> , Southern Europe . . . . .	.75	2.25	
<i>ponticum</i> , Northern Europe, garden strain . . . . .	.70 ¼ oz.	2.00	
RHODODENDRON , choice new Hybrids by English breeders	1.25 ⅙ oz.		
See listing of named varieties on page 24.			
RHODOTYPOS <i>kerriodes</i> . . . . .	.55	1.50	4.25
RHUS <i>canadensis</i> (aromatica), clean . . . . .	.55	1.40	4.00
<i>copallina</i> , d.b. . . . .		.45	1.25
<i>cotinus</i> , clean . . . . .		.60	1.65
<i>glabra</i> , d.b. . . . .		.45	1.25
<i>trilobata</i> , clean . . . . .	.45	1.25	3.50
<i>trilobata</i> , d.b. . . . .		.45	1.25
<i>typhina</i> , clean . . . . .		.55	1.50
RIBES <i>aureum</i> , d.b., N. E.	1.00		
ROBINIA <i>hispida fertilis</i>	1.25	3.50	10.00
<i>pseudoacacia</i> . . . . .		.40	.95
<i>pseudoacacia</i> , Idaho strain . . . . .		.65	1.75
<i>pseudoacacia inermis</i> . . . . .	.40	.90	2.50
ROSA <i>arkansana</i> , clean . . . . .	.75	2.15	6.00
<i>blanda</i> , clean . . . . .	.45	1.20	3.25
<i>canina</i> , clean . . . . .		.45	1.00
<i>fujisanensis</i> . . . . .	.45	1.25	
<i>humilis</i> , d.b. . . . .	.40	.80	2.25
<i>lucida</i> (virginiana), clean . . . . .	.65	1.75	5.00
<i>maximowicziana</i>	1.00		
<i>multiflora</i> , thornless, clean . . . . .	.45	1.00	2.75
<i>multiflora</i> , thorny, clean . . . . .	.40	.90	2.50
<i>nitida</i> , dried hips . . . . .	.40	1.00	2.75
<i>palustris</i> , d.b. . . . .		.70	2.00
* <i>primula</i>	1.00		
<i>rubiginosa</i> , clean (eglanteria) . . . . .	.40	.70	2.00
<i>rugosa</i> , clean . . . . .	.40	.70	2.00
<i>rugosa</i> , deep red selection, N. E., clean . . . . .	.55	1.50	
<i>rugosa</i> , white, N. E., clean . . . . .	.55	1.65	4.50
<i>setigera</i> , dried hips . . . . .		.55	1.50
<i>setigera</i> , clean . . . . .	.50	1.35	3.85
<i>spinosissima</i> , clean . . . . .	.45	1.25	3.50
<i>wichuraiana</i> , clean . . . . .	.40	1.00	2.75
RUSCUS <i>aculeatus</i> , clean . . . . .	.40	.65	1.75
SAMBUCUS <i>canadensis</i> , clean . . . . .	.45	1.20	3.25
<i>coerulea</i> (glauc), from Northern Rockies . . . . .	.40	1.00	2.75
<i>nigra</i> , clean . . . . .		.55	1.50
<i>racemosa</i> , clean . . . . .	.40	1.00	2.75
SAPINDUS <i>drummondi</i> . . . . .	.40	.90	2.50
SASSAFRAS <i>varifolium</i> (albidum) . . . . .		.55	1.50
SCHINUS <i>molle</i> . . . . .		.55	1.50
<i>terebinthifolius</i> . . . . .		.90	2.50
SCHIZOPHRAGMA <i>hydrangeoides</i> . . . . .	.75	2.20	

	oz.	¼ lb.	lb.
SCIADOPITYS verticillata.....	.70	1.85	5.25
SEAFORTHIA elegans.....250 seeds 1.25, 1,000 seeds 3.50			
SEQUOIA gigantea.....	1.50	4.35	12.00
sempervirens, California seed only.....	1.10	3.00	8.50
SHEPHERDIA argentea, d.b.....		1.10	3.00
SMILAX rotundifolia, d.b.....	.45	.90	2.50
SOPHORA japonica.....		.45	1.00
japonica seed from pendula form.....		.55	1.60
SORBUS americana, d.b.....	.45	1.10	3.00
aria, clean.....	.45	1.25	2.50
aucuparis, domestic, dried berries.....		.55	1.50
aucuparia, imported, clean.....	.45	1.25	3.50
commixta, d.b.....	.50		
domestica, clean.....	1.00		
intermedia (scandica), clean.....	.55	1.50	4.25
torminalis, clean.....	.55	1.50	
SPARTIUM junceum.....		.40	1.00
SPIRAEA latifolia......75 ¼ oz.			
tomentosa.....1.00 ¼ oz.			
STAPHYLEA bumalda.....	.55	1.40	4.00
pinnata.....		.45	1.25
trifolia.....	.40	.90	2.50
STEWARTIA monadelphæ.....	.85	2.75	
pseudocamellia.....	1.00	3.00	
STYRAX americana.....		.55	1.55
japonica.....	.40	.65	1.75
obassia.....	.45	1.20	3.25
SYMPHORICARPOS racemosus, clean.....	1.00	2.75	
vulgaris, d.b.....	.40	.85	2.25
SYRINGA josikaea, clean.....	.85	2.35	6.25
josikaea rosea, clean.....	1.00		
villosa.....	1.00	2.75	7.50
vulgaris, clean.....	.45	1.25	3.50
vulgaris alba, clean.....	.75	2.20	5.75
TAMARIX gallica.....		.55	1.50
TAXODIUM distichum.....		.45	1.15
distichum, clean.....		.90	2.50
TAXUS baccata.....		.55	1.50
baccata erecta, d.b., N. E.....	1.20	3.25	
cuspidata, home grown, d.b.....	.65	1.75	5.00
cuspidata, seed from Japan (the so-called capitata form), clean.....	.45	1.00	2.75
media hicksi, N. E., clean.....	1.65	4.50	12.00
TETRAPANAX (Aralia) papyrifera......65 ¼ oz.	1.75		

	oz.	¼ lb.	lb.
THEA sinensis.....		.55	1.50
THUJA occidentalis.....	.65	1.75	5.00
occidentalis aurea.....	.75	2.25	6.00
occidentalis wareana.....	.70	2.20	5.75
orientalis.....		.45	1.35
orientalis , New England seed.....	.45	1.35	3.75
orientalis , from select pyramids, N. E.....	1.00		
orientalis aurea.....	.35	.80	2.25
orientalis aurea nana , N. E.....	1.25		
orientalis compacta.....	.35	.80	2.25
orientalis elegantissima.....	.50	1.35	3.75
orientalis pyramidalis.....	.35	.80	2.25
orientalis tatarica.....	.45	.90	2.50
plicata.....	.55	1.50	4.25
plicata , hardy interior strain.....	1.15	3.10	8.50
standishi.....	.60	1.65	4.50
THUJOPSIS dolobrata , Oriental seed only.....	.65	1.75	4.75
TILIA americana.....		.50	1.50
cordata.....		.60	1.65
platyphyllos.....		.45	1.00
tomentosa.....		.45	1.00
TORREYA californica.....	.45	1.10	3.00
nucifera.....		.45	1.00
TRACHYCARPUS excelsus (fortunei).....		.35	1.00
TSUGA canadensis , northern crop.....	1.50	4.35	12.00
diversifolia.....	.90	2.75	7.50
heterophylla	2.60	7.00	
sieboldi.....	.85	2.50	7.00
UMBELLULARIA californica		1.00	2.75
ULMUS americana , May-June, 1952.....			1.50
parviflora.....	.65	1.75	5.00
parviflora sempervirens.....	.80	2.40	6.50
pumila , May-June, 1952.....			2.50
VACCINIUM canadense , d.b.....	.80	2.25	
corymbosum , d.b.....	.80	2.25	
corymbosum , d.b., from large fruited cultivated named varieties.....	.90	2.50	
pennsylvanicum (augustifolium), d.b.....	1.00		
VIBURNUM acerifolium , clean.....	.65	1.75	5.00
alnifolium , clean.....	.55	1.40	4.00
americanum (trilobum), clean.....	.75	2.25	6.00
carlesi , d.b.....	.45 ¼ oz.	1.25	
carlesi hybrids , forms intermediate between carlesi and bitchuiense.....	.45 ¼ oz.	1.25	
cassinoides , d.b.....		.90	2.50
dentatum , d.b.....		.55	1.50
dentatum , clean.....		1.20	3.25
*dilatatum , clean.....	.45	1.00	2.75

	oz.	¼ lb.	lb.
VIBURNUM (continued)			
lantana, clean		.65	1.75
lentago, clean	.50	1.35	3.75
lantana rugosum, d.b. attractive foliage, large showy clusters of fruit	.65	1.75	5.00
odoratissimum, clean	.45	1.25	3.50
opulus, clean	.45	.85	2.35
prunifolium, clean	.50	1.35	3.75
sargenti, d.b. N. E.	.45	.80	2.25
sieboldi, d.b., N. E.	.50	1.35	3.75
tinus, d.b.		.40	1.10
wrighti, clean	.60	1.65	4.50
VITEX , agnus castus		.55	1.50
negundo		.80	2.25
VITIS coignetiae	.40	.70	2.50
riparia (odorata) the true, hardy Riverbank Grape, with fragrant flowers and sweet, very early ripening fruit	.75	2.00	
WASHINGTONIA filifera		.75	2.00
robusta		.70	2.50
WEIGELA , garden varieties	.75		
WISTERIA frutescens	.40	.70	2.50
multijuga, blue	.45	1.10	3.00
sinensis, blue		.65	1.75
sinensis, white		.70	2.50
ZANTHOXYLUM americanum	.45	1.10	
ZIZYPHUS jujuba , clean		.80	2.25

SEEDS—HERBACEOUS PERENNIALS—MISCELLANEOUS

ACANTHUS latifolius	.45	1.25	3.50
mollis	.45	1.25	3.50
ACHILLEA filipendula , Parker's variety	.50 ¼ oz.	1.50	
ACONITUM napellus	.40 ¼ oz.	1.00	3.00
ALYSSUM saxatile compactum	.25 ¼ oz.	.75	2.25
ANCHUSA italica Dropmore , Gentian Blue	.45	1.10	3.00
myosotidiflora	1.25 ¼ oz.	4.50	
ANTHEMIS kelway , yellow	.30 ¼ oz.	.50	1.50
tinctoria	.30 ¼ oz.	.50	1.50
AQUILEGIA coerulea , true Rocky Mountain Longspurred Blue Columbine, choice garden grown seed	.55 ⅛ oz.		
Longspurred Blue Shades, home grown strain perfected by years of selective breeding, plants 3 to 4 feet high with huge flowers	.45 ⅛ oz., 1.25 ¼ oz.	3.75	
Longspurred Crimson Star	.45 ⅛ oz., 1.25 ¼ oz.	3.75	
Longspurred Hybrids in mixture, choicest domestic strain, claimed by prominent grower superior to any, many unusual shades	.45 ⅛ oz., 1.25 ¼ oz.	3.75	
Longspurred Hybrids, Mrs. Scott Elliots'	.50 ¼ oz.	1.50	

		oz.	$\frac{1}{4}$ lb.	lb.
ARABIS alpina, dwarf Snow Cap variety	.35 $\frac{1}{4}$ oz.	.85		
alpina, giant flowered, early	.30 $\frac{1}{4}$ oz.	.60	1.50	
ARMERIA formosa hybrida	.45 $\frac{1}{4}$ oz.	1.25		
ASPARAGUS plumosus nanus	.50 $\frac{1}{4}$ oz.	1.50		
sprengeri	.45 $\frac{1}{4}$ oz.	1.30		
AUBRIETIA, Bloodred	.45 $\frac{1}{8}$ oz.	2.50		
Large Flowered Hybrids	.45 $\frac{1}{4}$ oz.	1.00		
BEGONIA evansiana, hardy Begonia	.50 pkt.			
CAMPANULA carpatica, blue or white	.30 $\frac{1}{4}$ oz.	.75		
persicifolia, white, blue or mixed—each	.35 $\frac{1}{4}$ oz.	1.00		
Telham Beauty	.40 $\frac{1}{8}$ oz.	1.50		
CARNATION, hardy Grenadin, bright scarlet, King of the Blacks, Rose Queen,				
Pure White, Yellow Queen—each	.55 $\frac{1}{4}$ oz.	1.50		
Grenadin, choicest mixed	.45 $\frac{1}{4}$ oz.	1.25		
Teicher's, fine large flowered hardy strain	.70 $\frac{1}{8}$ oz.	3.00		
CASSIA marilandica	.45 $\frac{1}{4}$ oz.	.85		
CERASTIUM tomentosum	.25 $\frac{1}{4}$ oz.	.75		
CHRYSANTHEMUM koreanum	.50 pkt., 1.25 $\frac{1}{16}$ oz.			
choice Korean Hybrids, N. E.	.50 pkt., 1.25 $\frac{1}{16}$ oz.			
Shasta Daisy, Alaska	.35 $\frac{1}{4}$ oz.	.60		
Snowdrift, giant flowered	.40 $\frac{1}{4}$ oz.	.85		
May Queen	.35 $\frac{1}{4}$ oz.	.75		
CLEMATIS recta	.35 $\frac{1}{4}$ oz.	.75		
CONVALLARIA majalis	.35 $\frac{1}{4}$ oz.	1.00		
CYCLAMEN europaeum	.80 $\frac{1}{16}$ oz.			
neapolitanum	.80 $\frac{1}{16}$ oz.			
DELPHINIUM cardinale	.35 $\frac{1}{8}$ oz.	2.00		
DIANTHUS deltoides erecta	.50 $\frac{1}{4}$ oz.	1.75		
plumarius, Mayflower, early dwarf double	.50 $\frac{1}{4}$ oz.	1.75		
plumarius semperflorens, Spring Beauty, double	.55 $\frac{1}{4}$ oz.	2.00		
DICENTRA eximia	.50 $\frac{1}{4}$ oz.	1.75		
DICTAMNUS fraxinella rosea	.35 $\frac{1}{4}$ oz.	.80	2.50	
DIGITALIS Shirley, best variety, large flowered, spotted	.25 $\frac{1}{4}$ oz.	.60		
white	.25 $\frac{1}{4}$ oz.	.50		
yellow	.25 $\frac{1}{4}$ oz.	.60		
GYPSOPHILA paniculata, white		.50	1.25	
paniculata, Double Snow Flake	.50 $\frac{1}{4}$ oz.	1.75		
repens, rose or white	.35 $\frac{1}{4}$ oz.	.70		
HELLEBORUS niger	.35 $\frac{1}{4}$ oz.	1.00		
HELIANTHEMUM mutabile	.35 $\frac{1}{4}$ oz.	1.00		
IBERIS sempervirens	.45 $\frac{1}{4}$ oz.	1.15		

	oz.	$\frac{1}{4}$ lb.	lb.
LACHYRUS latifolius, Rose, N. E.....	.40 $\frac{1}{4}$ oz.	.80	
latifolius, White Pearl, N. E.....	.40 $\frac{1}{4}$ oz.	.80	
splendens .....	.70 $\frac{1}{4}$ oz.	2.00	
LAVENDULA vera (true Lavendula).....	.35 $\frac{1}{4}$ oz.	1.00	3.00
LESPEDEZA capitata		2.00	5.50 15.00
hirta		2.00	5.50
LINUM narbonense.....	.40 $\frac{1}{8}$ oz.	2.25	
LUPINUS arboreus, Golden Spire.....		.60	1.50
perennis.....		.45	1.25 3.50
polyphyllus, Blue.....		.30	.60 1.25
Blue King, bright blue with long spikes.....	.35 $\frac{1}{4}$ oz.	.75	
Carmine King, carmine red.....		.40	1.00 3.00
Rose.....		.40	1.00 2.65
Rose and White (moerheimi), free blooming, fine compact habit .30 $\frac{1}{4}$ oz.		.65	1.50
Princess Juliana, bright pink.....		.40	1.00 3.00
Salmon Shades.....		.40	1.00 2.65
Skyblue (coelestinus).....		.40	1.00 2.65
Violet (atroviolaceus).....		.40	1.00 2.65
White.....		.40	1.00 2.50
Yellow Shades, true from seed.....		.40	1.00 2.65
Yellow King, pure yellow.....		.65	1.50
Mixed Colors.....		.30	.60 1.75
English Hybrids, Art Shades of many colors.....	.40 $\frac{1}{4}$ oz.	.80	2.10
Russell Hybrids, home grown.....	.40 $\frac{1}{4}$ oz.	.85	
Russell Hybrids, imported seed.....		.40	1.00 2.65
LYCHNIS chalcidonica.....		.45	1.25 3.00
viscaria splendens.....		.50	1.50
MIMOSA pudica.....	.45 $\frac{1}{4}$ oz.	1.25	
OENOTHERA macrocarpa.....	.45 $\frac{1}{4}$ oz.	1.25	
missouriensis.....	.45 $\frac{1}{4}$ oz.	1.25	
PAEONIA officinalis.....		.45	1.25
peregrina.....		.45	1.25
PAPAVER nudicaule, Cardinal, deep red.....	.35 $\frac{1}{8}$ oz.	1.75	
nudicaule, Coonara strain, salmon, rose and pink shades.....	.30 $\frac{1}{8}$ oz.	1.00	
nudicaule, Gibson's New Orange.....	.35 $\frac{1}{8}$ oz.	1.75	
nudicaule, Sanford's Giant strain.....	.35 $\frac{1}{8}$ oz.	1.25	
orientale, stiff stemmed bracteata type.....	.40 $\frac{1}{16}$ oz.		
orientale Hybrid varieties.....	.40 $\frac{1}{8}$ oz.		
PENSTEMON cyananthus, 3 ft., deep purple.....	.35 $\frac{1}{4}$ oz.	.60	
PHYSALIS francheti, Giant Lanterns.....	.35 $\frac{1}{4}$ oz.	1.10	
PLATYCODON Dwarf—Blue, White or Mixed, each.....	.50 $\frac{1}{4}$ oz.	1.50	
Early flowered, blue.....	.50 $\frac{1}{4}$ oz.	1.50	
PRIMULA veris, Blue Shades.....	.50 $\frac{1}{8}$ oz.		
Giant Munstead, light shades.....	.65 $\frac{1}{8}$ oz.		
Large flowered, Border Mixture.....	.70 $\frac{1}{8}$ oz.		

	oz.	¼ lb.	lb.
PRIMULA (continued)			
Gold Laced	.65 ⅛ oz.		
Golden Yellow	.65 ⅛ oz.		
Lutea, bright Yellow	.65 ⅛ oz.		
Ruby Red	.65 ⅛ oz.		
White	.65 ⅛ oz.		
PYRETHRUM James Kelway, bright vermillion red, yellow center	.50 ¼ oz.	1.50	
Robinson's Giants, mixture	.55 ¼ oz.	1.65	
Robinson's Dark Carmine	.55 ¼ oz.	1.65	
ROMNEYA coulteri	.45 ⅛ oz.	2.50	
SAPONARIA ocymoides	.30 ¼ oz.	.60	
SCABIOSA caucasica goldingensis, deep lavender	.50 ¼ oz.	1.50	
caucasica, House's strain	.50 ¼ oz.	1.50	
caucasica perfecta	.50 ¼ oz.	1.35	
THERMOPSIS caroliniana		.50	1.50 4.50
THYMUS serpyllum	.45 ⅛ oz.	2.25	
vulgaris	.45 ⅛ oz.	2.25	
TROLLIUS europaeus	.55 ¼ oz.	1.50	
YUCCA filamentosa		1.00	

SUPPLEMENT

The newest and finest of Azalea and Rhododendron Hybrids in seed obtained from their originators in England.

AZALEA EXBURY STRAIN, the most advanced cultural strain of hybrid Azaleas existing, hand pollinated seeds of named varieties.

Prices \$1.00 ½ oz. \$3.00 ⅛ oz.

- Bright Forecast, Salmon, deep orange blotch
- Basilisk, Cream, yellow blotch
- Bright Straw, Deep yellow, deeper blotch
- Berryrose, Pink, yellow blotch
- Brazil, Tangerine
- Cecile, Salmon pink, yellow blotch
- Fawley, White, flushed pink
- Firefly, Deep orange
- Gibraltar, Orange
- Golden Horn, Golden yellow
- George Reynolds, Yellow, deeper blotch
- Ginger, Ginger
- Golden Dream, Yellow
- Hotspur, Red
- Hotspur, Yellow, with orange blotch
- Kathleen, Pale salmon, orange blotch
- Kipps, Tangerine
- Madeleine, Pale pink, yellow blotch
- Mary Claire, Pink, yellow blotch
- Royal Lodge Deep red
- Strawberry Ice, Pale pink, yellow blotch
- Salmon Orange
- Scarlet Pimpernel, Red
- Blend of all varieties, all colors

RHODODENDRON, choicest of new Hybrids

Prices \$2.00 $\frac{1}{32}$ oz. \$6.00 $\frac{1}{8}$ oz.

Avalanche (Loderi x calophytum)
Break of Day A.M. (Dawn's Delight x dichroanthum)
Bibiani A.M. (Moser's Maroon x arboreum)
Bowbells A.M. (Corona x Williamsianum)
A. Gilbert A.M. (campylocarpum x discolor)
Bo-Peep A.M. (lutescens x moupinense)
Blue Tit (impeditum x augustinii)
Blue Diamond (intrifast x augustinii)
Beau Brummel A.M. (Essex Scarlet x eriogynum)
Barbara (campylocarpum var elatum x Loderi)
Carmen A.M. (didymum x repens)
Calstocker, Exbury var A.M. (calophytum x Dr. Stocker)
Daydream A.N. (Lady Bessborough x griersonianum)
Fabia A.M. (dichroanthum x griersonianum)
Golden Horn A.M. (dichroanthum x Elliottii)
Golden Horn var Persimmon A.M. (as above)
Halcyone (Souliei x Lady Bessborough)
Idealist A.M. (Wardii x Naomi)
Iviza (Fabia x Bustard)
Icarus var Organdie A.M. (A. Gilbert x herpesticum)
Ispahan (Fabia x Wardii)
Jasper (dichroanthum x Lady Bessborough)
Jacque (dichroanthum x Daydream)
Jester (dichroanthum x Naomi A.M.)
Jan Steen (Fabia x Lady Bessborough)
Janet (Avalanche x Dr. Stocker)
Lady Bessborough F.C.C. (discolor x campylocarpum var elatum)
Lady Bessborough var Cream (discolor x campylocarpum var elatum)
Lady Bessborough var Montreal (discolor x campylocarpum var elatum)
Lady Bessborough var Roberte F.C.C. (discolor x campylocarpum var elatum)
Mayday A.M. (haematodes x griersonianum)
Penjerrick, pink form. (campylocarpum var elatum x Griffithianum)
Penjerrick, yellow form. (campylocarpum var elatum x Griffithianum)
Prelude (Wardii x Fortunei)
Queen of Hearts (Moser's Maroon x meddianum)
Rickshaw (Golden Horn x Lady Bessborough)
Red Admiral (arboreum x Thomsonii)
Souldis (souliei x discolor)
Shilsonii (Thomsonii x barbatum)
Yellow Hammer (sulfureum x flavidum)

Abbreviations refer to English standards—A.M.—Award of Merit. F.C.C.—First Class Certificate.

Please note that, because of late ripening, ericaceous seeds from English sources cannot be available much before mid-winter.

PLANT NOTES OF INTEREST

AZALEA—The so-called Kaempferi or Malvaticae Hybrids of the obtusa group, after many years of test, have proven themselves a valuable race for northern gardens. The product of blending a woodland and a mountain race they are neat of habit, of rather bushy compact growth, can stand exposure well, are comparatively drought resistant, have a wide range of color and are reliably hardy as far north as Boston.

Equally recommended can be the Arnoldiana Hybrids, the result of an accidental mating of *Azalea amoena* and *kaempferi*. They have all the good points of the former and a somewhat different color scale. Their habit, however, is ultimately tall growing like the *kaempferi* parent.

Astonishing results can be obtained by interplanting specimens of both groups with *malvaticas* in front and *arnoldianas* for background.

BIGNONIA—*Bignonia capreolata*, Cross Vine or Trumpet Flower, the only true *Bignonia* species. Interesting, vigorously growing evergreen climber with large, showy Trumpet creeper like flowers in May, hardy and persistent as far north as Southern Massachusetts. Self supporting by its disk equipped tendrils.

CYTISUS—Too little known for ease of culture, quick results and remarkable floral display are the ANDREANUS form of *Cytisus scoparius* and its hybrids (DALLIMOREI) with *Cytisus multiflorus*. The true andreanus and many of the hybrids show a flower combination of crimson and yellow, others delicate pastel shades with suffusions of pink and white. These plants do well on poor soil or even sub-soil fill and once established by direct spot planting of seed or from young plants set out, quickly take care of themselves, starting to flower within two years. They offer invaluable planting material for troublesome spots along roadsides, embankments and stone walls. Plants grow to ten feet tall and are literally smothered with flowers every spring. Seedlings transplant easily if tops and tap roots are shortened and a liberal amount of sand used in the planting hole. Plants grown in quart tin cans are the answer for nursery yard requirements. Seed germinates readily after a day's soaking, starting with hot water.

***Cytisus scoparius*, Moonlight Hybrids**, are a dwarf race suitable for Rock Gardens. Flowers are sulphur-yellow usually in two shades often suffused with pink or with crimson wings.

Cytisus multiflorus praecox, often and, we believe erroneously, called *praecox alba*, is apparently not a hybrid but an early flowering form of *multiflorus*. Dainty with slender branches in comparison to the robust habit of the *scopulorum* forms and attaining only half their size, plants never fail to attract attention when smothered with their white flowers as the first *Cytisus* to bloom. The *multiflorus* variety, WHITE GEM, is still somewhat more dainty, and has flowers slightly flushed with pink. Plants are hardy near Boston and may be used in like manner as the *scoparius* forms.

Cytisus austriacus* and *Cytisus supinus (capitatus) are low, summer flowering shrubs recommended for planting on dry or stony ground. They are good landscape material as foreground plants in shrub plantings, transplant easily and may be cut back when desirable to renew themselves from sprouts. They are recommended for planting on roadsides and banks and for erosion control. They self seed and naturalize readily even in grass sod.

PLANT NOTES OF INTEREST

COTONEASTER—While, as a rule, they are no more difficult to handle than other shrubs, Cotoneasters are still very much neglected due to many misconceptions about and prejudices against them. Special mention to the various species will be given in these notes from time to time.

Attention is called, at this time, to **Cotoneaster simonsi**. On account of its upright habit and moderate growth it can be much recommended for hedging. It holds its bright red berries well and plants are always conspicuous during fall and winter months. Foliage is semievergreen in mild climates and deciduous in the north. It is hardy without protection to Southern Massachusetts. Easily grown from seed which requires only a short period of after-ripening. With fall, winter or early spring planting it can be expected to germinate the first season.

MALUS—Baccata and relatives.

The Asiatic Crab Apples are fast growing trees too little known for their ease of culture and ornamental value both for flower and fruiting display. There are few flowering trees which can be grown so quickly to flowering specimens from seed.

The glory which is claimed for the Japanese Flowering Cherries as flowering trees par excellence in milder sections can readily be duplicated in northern latitudes by the Flowering Crabs.

Unfortunately growers of these trees using, almost exclusively, plants budded or grafted on common Apple are not too successful handling this type of stock. Common Apple does not seem to be the most congenial root stock for the Asiatic Crabs. Sprouting from the root-stock always remains a serious problem, especially with trees at the ultimate site. Trees on their own roots are the answer. If trees must be grown from buds or grafts, seedling stock of their own kind should be used. Baccata understock is considered a satisfactory medium. **Malus baccata** and especially its vigorous **mandshurica** form ultimately grow into trees of fair size.

For trees of smaller dimensions the closely related **Malus sieboldi**, **Malus zumi** and their varieties may be used. **Malus hupehensis (theifera)** and **Malus sargentii**, two other close relatives, each of distinctive habit are equally meritorious.

The fruiting display of the whole group is most conspicuous and the fruit greatly relished by birds and other forms of wildlife.

The former, entirely unmerited, lack of interest in these valuable trees is gradually waning. Seed grown plants can be expected to be representative of type.

ROSA ARKANSANA, a dwarf shrub rose to 2 feet, is possibly the most charming of our American Wild Roses. We like it very much, indeed.

SPIRAEA—Latifolia and tomentosa, two native flowering shrubs are recommended for naturalized plantings on acid soil or peat in company with Azaleas and Rhododendrons. Easily grown from seed, which is fine and may be treated same as Rhododendron.

BOOKS

AZALEAS, KINDS and CULTURE

By H. HAROLD HUME

Complete treatise covering selection, propagation, soil and soil preparation, planting, cultivation and care of these beautiful shrubs. Book is lavishly illustrated with 68 prints and eight color plates. 199 pages **\$4.00**

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